

FIG. 2

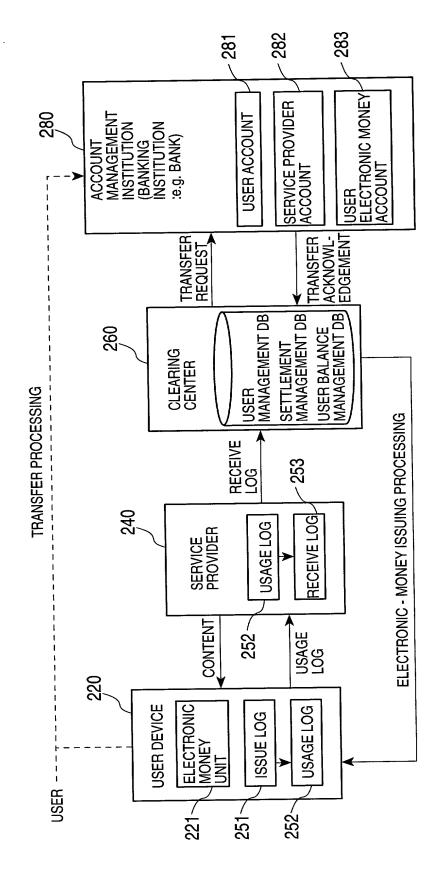
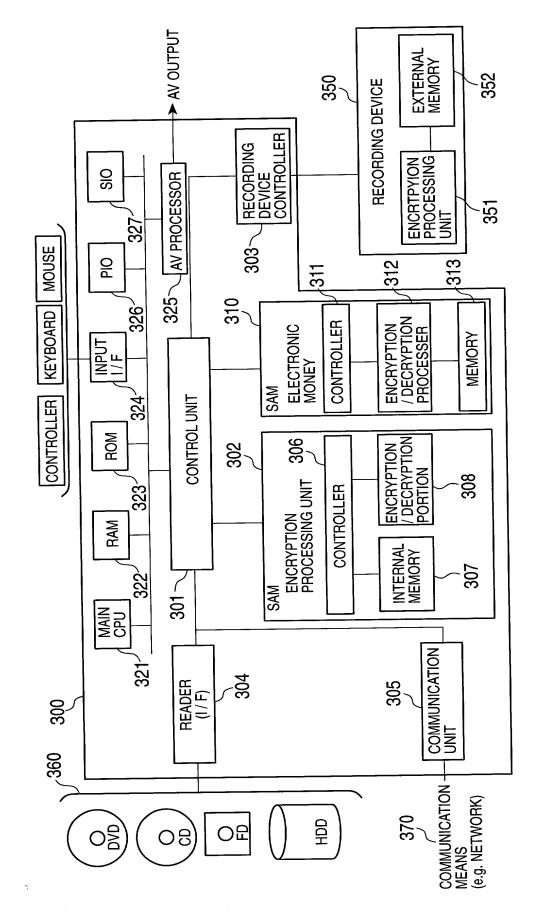


FIG. 3



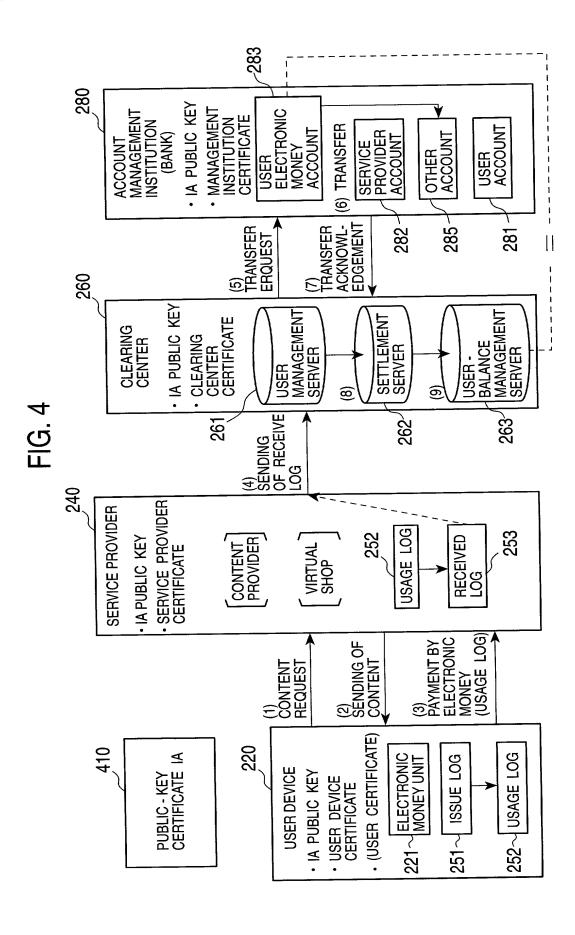


FIG. 5

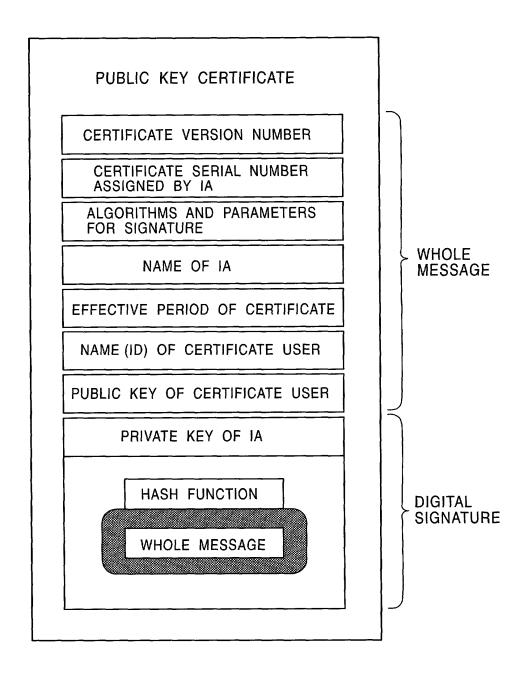


FIG. 6

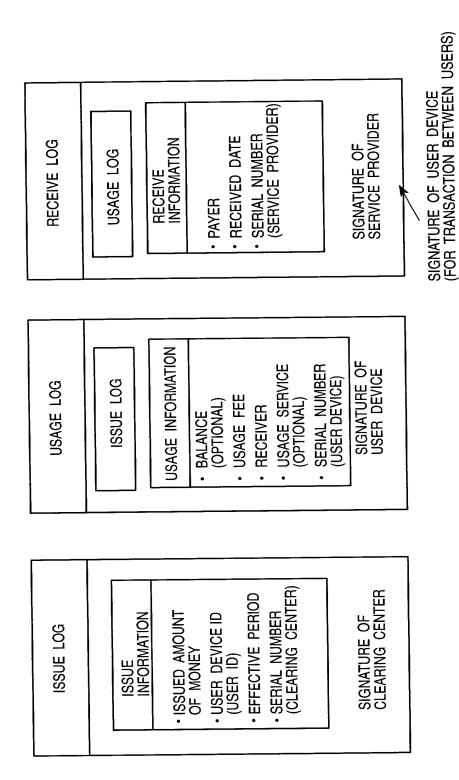
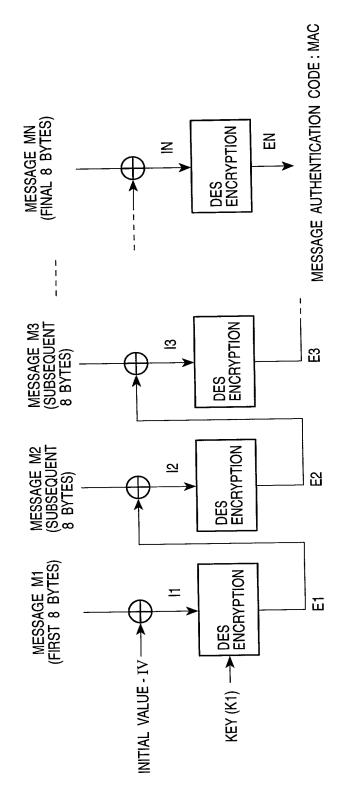


FIG. 7



⊕ : EXCLUSIVE - OR (UNIT OF 8 BYTES)

FIG. 8

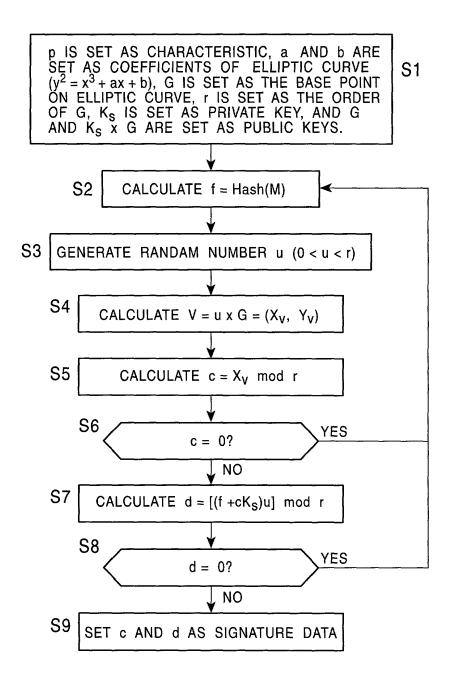
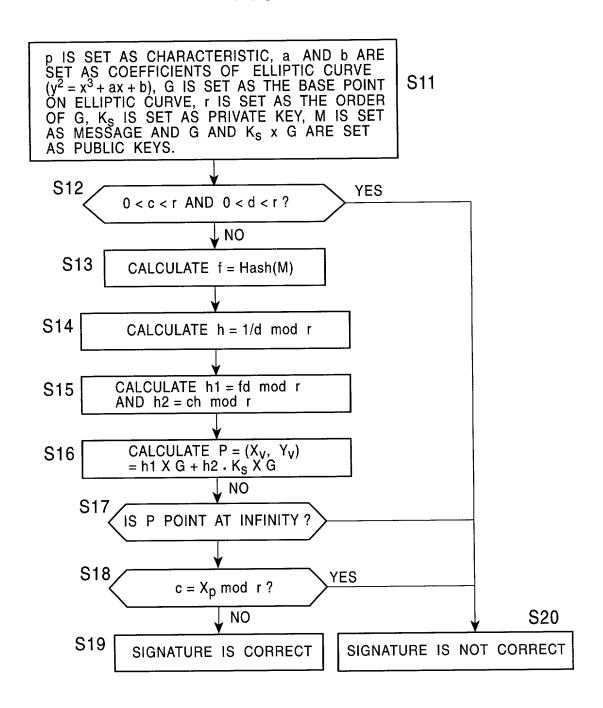
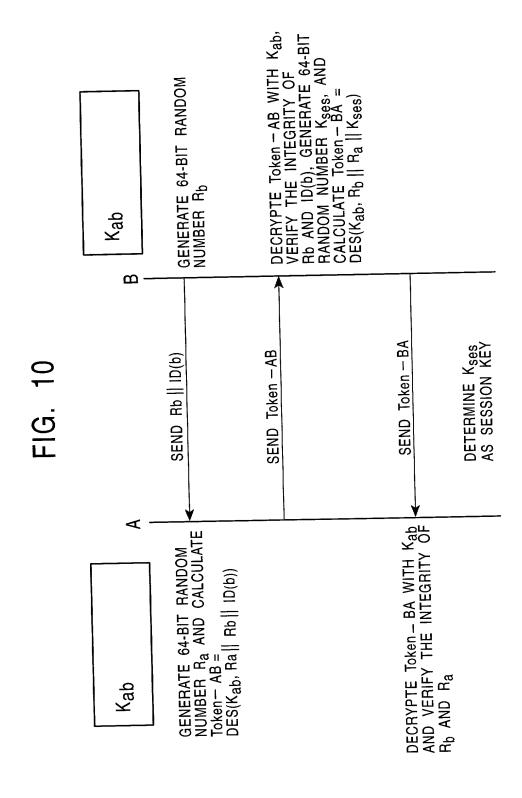


FIG. 9





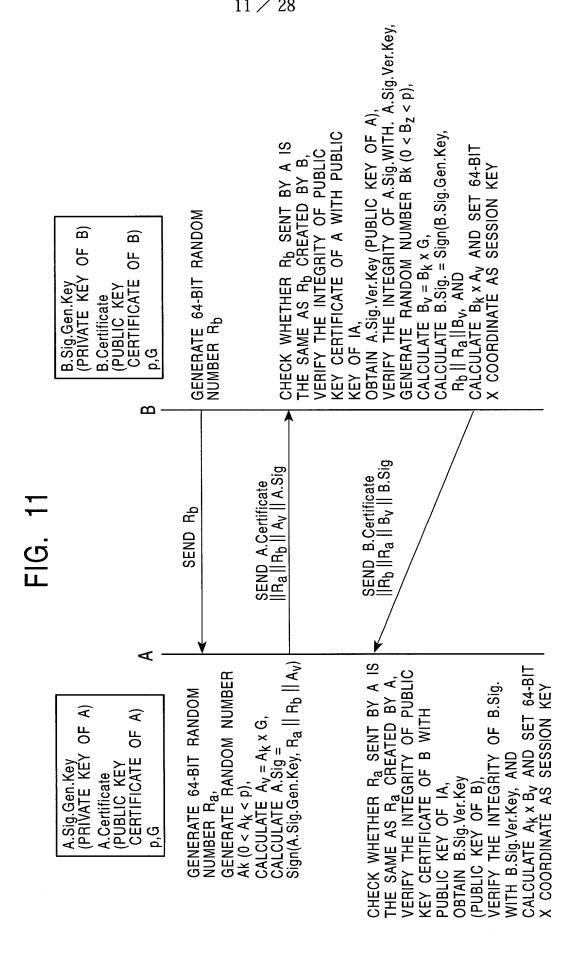
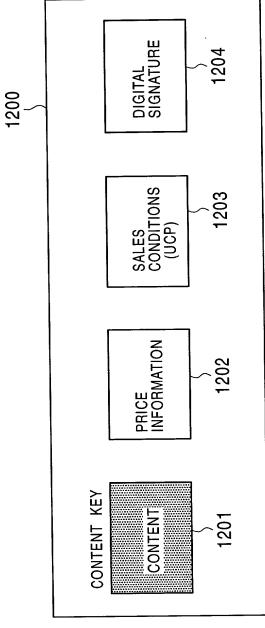


FIG. 12



1301 DATA TYPE UCP TYPE UCP EFFECTIVE PERIOD CONTENT ID CONTENT PROVIDER ID UCP ID UCP VERSION AREA CODE USABLE DEVICE CONDITIONS **USABLE USER CONDITIONS** SERVICE PROVIDER ID UCP GENERATION MANAGEMENT INFORMATION NUMBER OF SECONDARY DELIVERIES NUMBER OF RULES RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE RULE 1 CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE RULE N CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE **SIGNATURE** 

1401

DATA TYPE  PRICE INFORMATION TYPE  PRICE INFORMATION EFFECTIVE PERIOD  CONTENT ID  SERVICE PROVIDER ID  PRICE INFORMATION ID  PRICE INFORMATION VERSION  AREA CODE  USABLE DEVICE CONDITIONS  USABLE USER CONDITIONS  CONTENT PROVIDER ID  UCP ID  NUMBER OF RULES  RULE ADDRESS  RULE NUMBER  CONTENT PROFIT DISTRIUTION INFROMATION  PRICE  DATA SIZE  :  RULE NUMBER  CONTENT PROFIT DISTRIUTION INFROMATION  PRICE  BULE NUMBER  CONTENT PROFIT DISTRIUTION INFROMATION  PRICE  WHETHER SIGNATURE HAS BEEN VERIFIED)  PUBLIC KEY CERTIFICATE  SIGNATURE									
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USABLE USER CONDITIONS  CONTENT PROVIDER ID  UCP ID  NUMBER OF RULES  RULE ADDRESS  RULE NUMBER  CONTENT PROFIT DISTRIUTION INFROMATION  PRICE  DATA SIZE  :  RULE NUMBER  CONTENT PROFIT DISTRIUTION INFROMATION  PRICE  DATA SIZE  CONTENT PROFIT DISTRIUTION INFROMATION  PRICE  RULE NUMBER  CONTENT PROFIT DISTRIUTION INFROMATION  PRICE  RULE NUMBER  CONTENT PROFIT DISTRIUTION INFROMATION  PRICE  (WHETHER SIGNATURE HAS BEEN VERIFIED)  PUBLIC KEY CERTIFICATE	AREA CODE								
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PRICE  RULE N  DATA SIZE  :  (WHETHER SIGNATURE HAS BEEN VERIFIED)  PUBLIC KEY CERTIFICATE		RULE NUMBER							
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: (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE		PRICE							
PUBLIC KEY CERTIFICATE	RULE N	DATA SIZE							
PUBLIC KEY CERTIFICATE		:							
	(WHETHER SIGNATURE HAS BEEN VERIFIED)								
SIGNATURE		PUBLIC KEY CERTIFICATE							
		SIGNATURE							

287

286

282

283

**^** 

USER DEVICE

USAGE LOG B

552

O

280

USER ELECTRONIC MONEY ACCOUNT MANAGEMENT INSTITUTION (BANKING INSTITUTION: SERVICE PROVIDER ACCOUNT USER B ACCOUNT USER A ACCOUNT eg. BANK) ACCOUNT ACKNOW-LEDGMENT TRANSFER REQUEST TRANSFER SETTLEMENT
MANAGEMENT DB
USER BALANCE |
MANAGEMENT DB 260 CLEARING CENTER ÚSER MANAGE. MENT DB RECEIVE LOG B RECEIVE LOG A 1534 -1533RECEIVE LOG B 240 MANAGEMENT SERVICE PROVIDER RECEIVE LOG A USAGE LOG A CONTENT (SECURE CONTAINER) CONTENT (SECURE CONTAINER) USER 8 CONTENT KEY 1532 USAGE LOG A USAGE LOG B က ,1510  $\mathbf{\omega}$ **~153**2 CONTENT KEY ELECTRONIC MONEY UNIT ELECTRONIC MONEY UNIT USER DEVICE 1531 USAGE LOG A ISSUE Log B ISSUE LOG A ⋖ USER DEVICE RECEIVE LOG B CONTENT (SECURE CONTAINER)  $^{-1553}$ USAGE LOG B 1511, 1551 521 1520~ 552

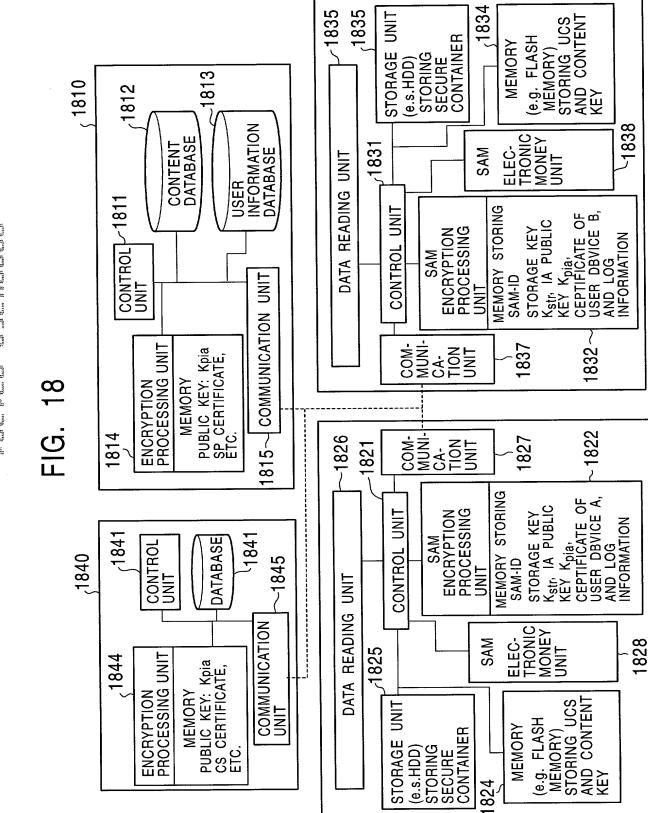
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1601

(							
DATA TYPE							
UCS TYPE							
UCS EFFECTIVE PERIOD							
CONTENT ID							
ALBUM ID							
ENCRYPTION PROCESSING UNIT ID							
USER ID							
CONTENT PROVIDER ID							
UCP ID							
UCP VERSION							
SERVICE PROVIDER ID							
PRICE INFORMATION ID							
PRICE INFORMATION VERSION							
UCS ID							
RULE NUMBER OF RIGHT OF READ							
RIGHT-OF-TYPE NUMBER							
REMAINING NUMBER OF READS							
RIGHT-OF-READ EFFECTIVE PERIOD							
RULE NUMBER OF RIGHT OF COPY							
RIGHT-OF-USE TYPE NUMBER							
REMAINING NUMBER OF COPIES							
UCS GENERATION MANAGEMENT INFORMATION							
NUMBER OF UCS SECONDARY DELIVERIES							
ENCRYPTION PROCESSING UNIT ID PROCESSING RIGHT OF READ							

1701

(							
DATA TYPE							
ENCRYPTION PROCESSING UNIT ID							
USER ID (PAYER)							
CONTENT ID							
CONTENT PROVIDER ID							
UCP ID							
UCP VERSION							
SERVICE PROVIDER ID							
PRICE INFORMATION ID							
PRICE INFORMATION VERSION							
UCS ID							
RULE NUMBER							
PROFIT AMOUNT/PROFIT RATE OF CONTENT PROVIDER							
PROFIT AMOUNT/PROFIT RATE OF SERVICE PROVIDER							
PROFIT AMOUNT/PROFIT RATE OF OTHER ORGANIZATIONS							
UCP GENERATION MANAGEMENT INFORMATION							
SETTING INFORMATION DATA SIZE OF CONTENT PROVIDER							
SETTING INFORMATION OF CONTENT PROVIDER							
SETTING INFORMATION DATA SIZE OF SERVICE PROVIDER							
SETTING INFORMATION OF SERVICE PROVIDER							
RECEIVED DATA							
SERIAL NUMBER							
SUPPLIER ID							



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FIG. 19

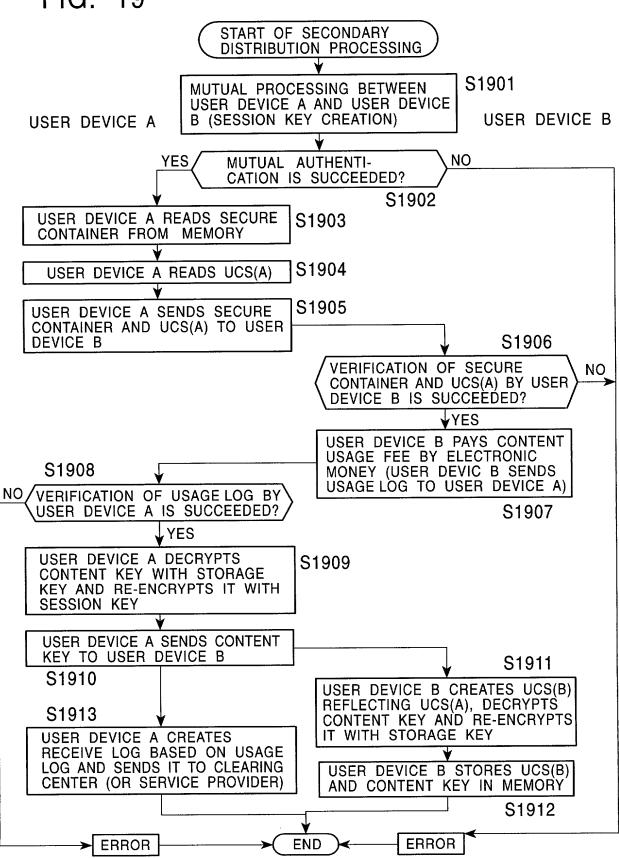


FIG. 20

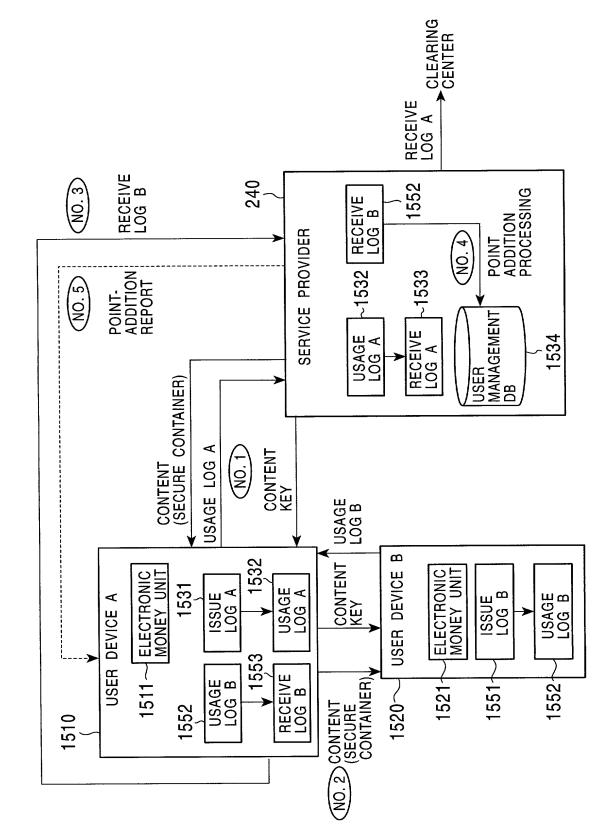
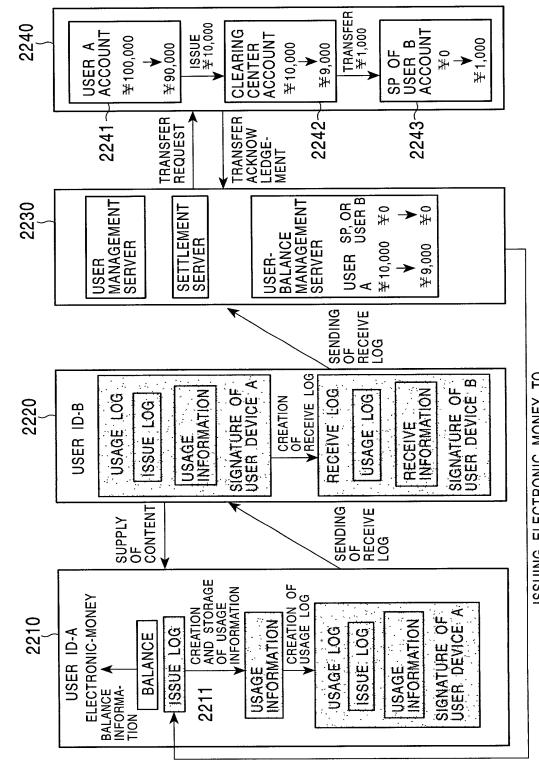


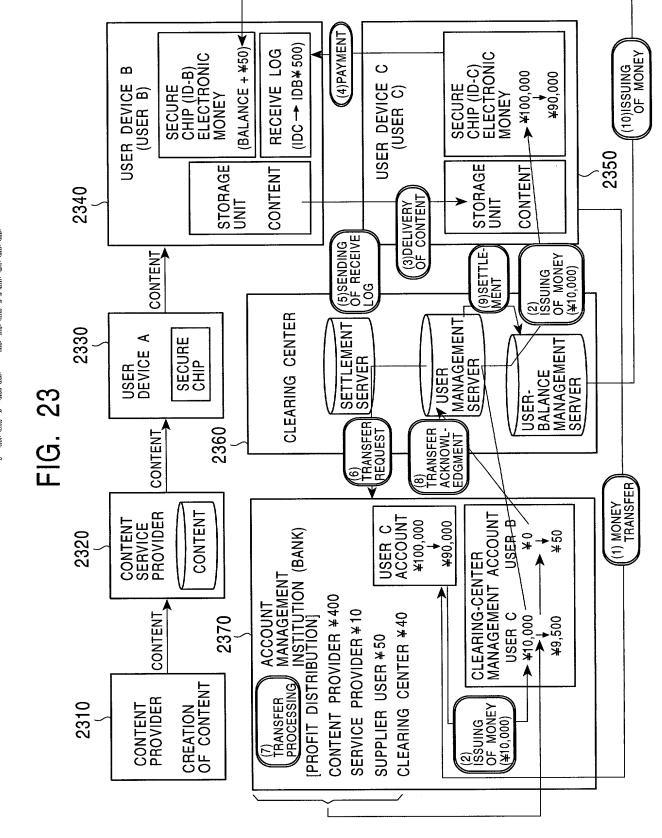
FIG. 21

POINT	02	05	12	•	•	•	20
RECEIVE LOG ID	BBB001	BA8822	BA0214		-	•	BAA883
CONTENT ID	AAA001	B05002	CC0812	•	-	*	ABD325
USER DEVICE ID	CDE00021	CDE00027	CDE03211		•	•	EED02333
USER ID	ABC0001	ABC0002	ABC0003	-	-	•	BBC0231

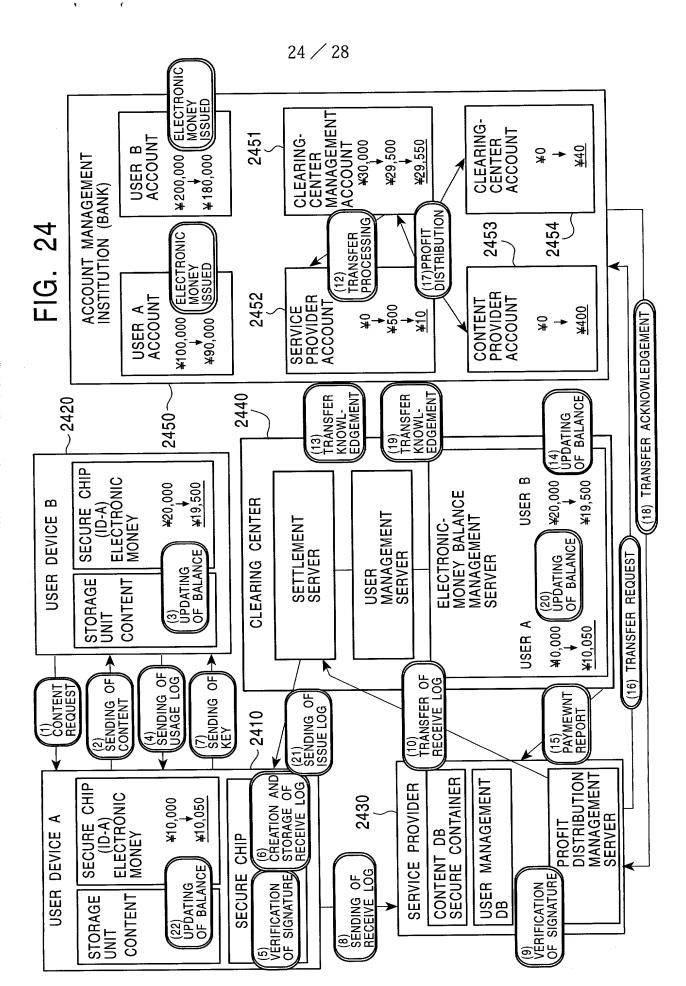
FIG. 22

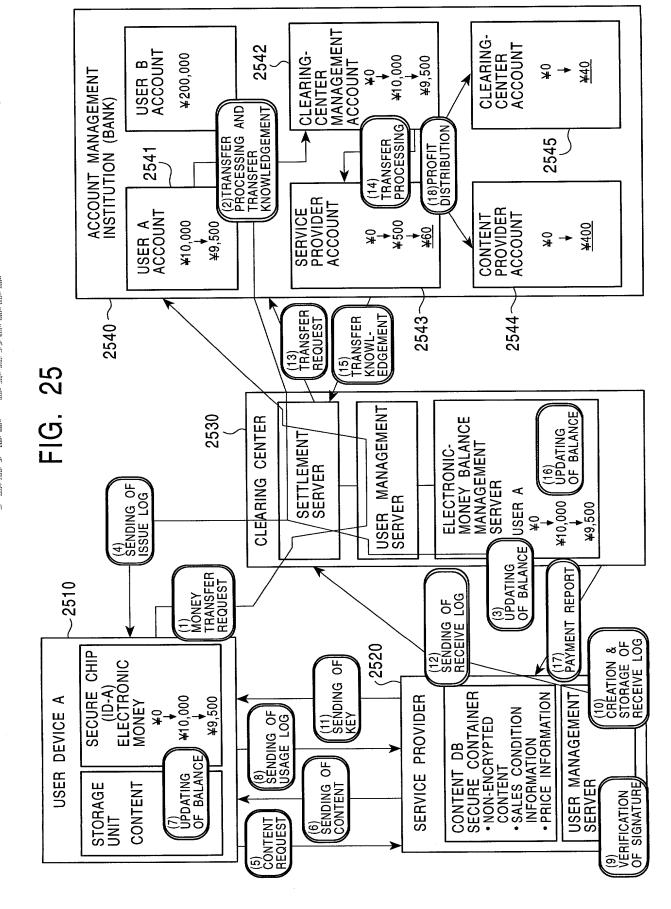


ISSUING ELECTRONIC MONEY TO USER DEVICE A



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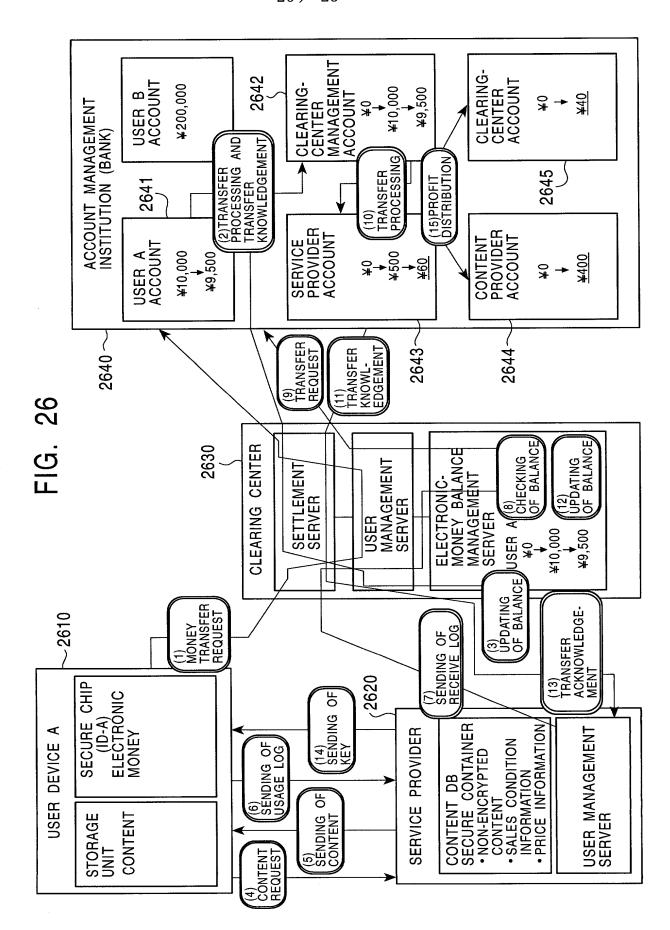


FIG. 27

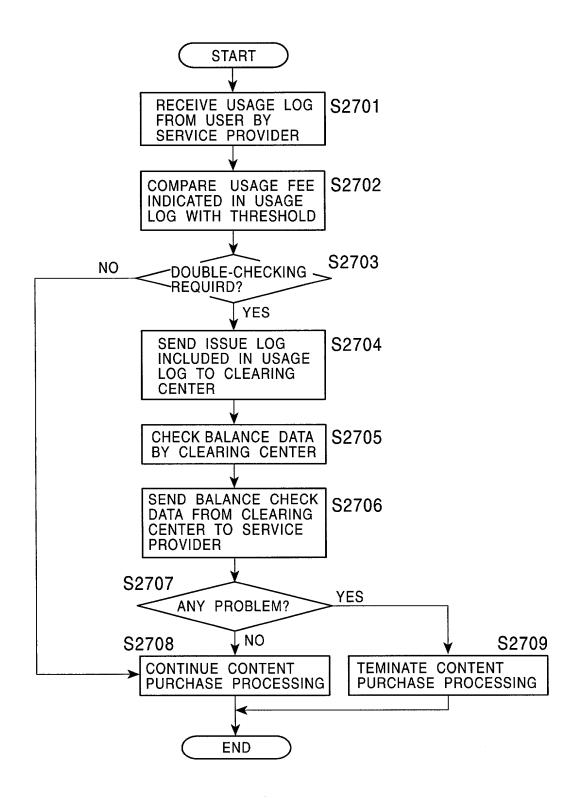


FIG. 28

